	an should be used, for transpressiondence including the P		or F	P.O. Box 145 Alexandria, Fax (703) 746-40	er for Patents 50 Virginia 22313-1450 00	n 5 should be completed whe rrent correspondence address a separate "FEE ADDRESS" f
CURRENT CORRESPONDEN	OE ADDRESS (Note: Use Block 1 for a	ny change of address)	y specifying a	Note: A certifica Fee(s) Transmitt	ate of mailing can only be us al. This certificate cannot be	sed for domestic mailings of tused for any other accompanyi gnment or formal drawing, musion.
William A. Blak Jones, Tullar & Co Eads Station P.O. Box 2266	e			I hereby certify	Certificate of Mailing or I	
Arlington, VA 222						(Depositor's nam
/11/2005 MBEYENE2 000	00084 10705870					(Signatur
FC:1501	1400.00 OP				 	(Dat
FC: 1504 APPLICATION NO.	FILING DATE	. 1	FIRST NAMED	INVENTOR	ATTORNEY DOCKET	NO. CONFIRMATION NO.
				4.11	40.0040	
	11/13/2003 SUSPENDED SUBSTRATE L				48-0018	6297
TITLE OF INVENTION: S APPLN. TYPE	USPENDED SUBSTRATE L	ISSUE FE	PLER	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
TITLE OF INVENTION: S APPLN. TYPE nonprovisional	SMALL ENTITY NO	ISSUE FE	PLER EE	PUBLICATION FEE		
TITLE OF INVENTION: S APPLN. TYPE nonprovisional EXAM	USPENDED SUBSTRATE L	ISSUE FE	PLER EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
APPLN. TYPE nonprovisional EXAM HAM, SE 1. Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica	SMALL ENTITY NO MINER	ISSUE FE \$1400 ART UN 2817 Address" (37 Correspondence ion form	PLER 2. For print (1) the nam or agents O (2) the nam registered a 2 registered	PUBLICATION FEE \$300 CLASS-SUBCLASS	TOTAL FEE(S) DUE \$1700 age, list patent attorneys 1 Jone g as a member a e names of up to	DATE DUE
APPLN. TYPE nonprovisional EXAM HAM, SE 1. Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required.	SMALL ENTITY NO MINER UNGSOOK The address or indication of "Feddence address (or Change of C 22) attached. The tion (or "Fee Address" Indication (or "Fee Ad	ISSUE FE \$1400 ART UN: 2817 e Address" (37 correspondence ion form of a Customer	2. For print (1) the nan or agents O (2) the nam registered a 2 registered listed, no n	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered DR, alternatively, one of a single firm (havin attorney or agent) and the different attorneys or ager lame will be printed.	TOTAL FEE(S) DUE \$1700 age, list patent attorneys ag as a member a e names of up to	DATE DUE 08/18/2005 es, Tullar & Coo
APPLN. TYPE nonprovisional EXAM HAM, SE 1. Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI	SMALL ENTITY NO MINER UNGSOOK The address or indication of "Feddence address (or Change of C 22) attached. The tion (or "Fee Address" Indicator more recent) attached. Use O RESIDENCE DATA TO BE	ISSUE FE \$1400 ART UNI 2817 e Address" (37 correspondence ion form of a Customer	2. For print (1) the nam or agents O (2) the nam registered a 2 registered listed, no ne	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered DR, alternatively, ne of a single firm (havinattorney or agent) and the dipatent attorneys or ager lame will be printed.	TOTAL FEE(S) DUE \$1700 age, list patent attorneys ag as a member a e names of up to ats. If no name is 3	DATE DUE 08/18/2005 es, Tullar & Coo
APPLN. TYPE nonprovisional EXAM HAM, SE 1. Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI	SMALL ENTITY NO MINER UNGSOOK the address or indication of "Feddence address (or Change of C 22) attached. tion (or "Fee Address" Indicat or more recent) attached. Use D RESIDENCE DATA TO BE as an assignee is identified belin 37 CFR 3.11. Completion of	ISSUE FE \$1400 ART UN: 2817 e Address" (37 correspondence ion form of a Customer E PRINTED ON T ow, no assignee of this form is NOT	2. For print (1) the nan or agents O (2) the nan registered a 2 registered listed, no no THE PATENT data will appe	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered DR, alternatively, ne of a single firm (havinattorney or agent) and the dipatent attorneys or ager lame will be printed.	TOTAL FEE(S) DUE \$1700 age, list patent attorneys ag as a member a e names of up to ats. If no name is assignee is identified below,	DATE DUE 08/18/2005 es, Tullar & Coo
APPLN. TYPE nonprovisional EXAM HAM, SE 1. Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unless recordation as set forth i (A) NAME OF ASSIGN	SMALL ENTITY NO MINER UNGSOOK the address or indication of "Feddence address (or Change of C 22) attached. tion (or "Fee Address" Indicat or more recent) attached. Use D RESIDENCE DATA TO BE as an assignee is identified belin 37 CFR 3.11. Completion of	ISSUE FE \$1400 ART UNI 2817 Address" (37 Forrespondence ion form of a Customer E PRINTED ON T ow, no assignee of this form is NOT	2. For print (1) the nan or agents O (2) the nan registered a 2 registered listed, no no THE PATENT data will appe I a substitute f (2) RESIDENCE	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered Panes of up	TOTAL FEE(S) DUE \$1700 age, list patent attorneys ag as a member a e names of up to ats. If no name is assignee is identified below,	DATE DUE 08/18/2005 es, Tullar & Coo
APPLN. TYPE nonprovisional EXAM HAM, SE I. Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. B. ASSIGNEE NAME ANI PLEASE NOTE: Unless recordation as set forth i (A) NAME OF ASSIGN NORTHRUP	SMALL ENTITY NO MINER UNGSOOK The address or indication of "Feddence address (or Change of C 22) attached. The tion (or "Fee Address" Indicator more recent) attached. Use O RESIDENCE DATA TO BE as an assignee is identified belin 37 CFR 3.11. Completion of the	ISSUE FE \$1400 ART UN: 2817 Address" (37 Forrespondence ion form of a Customer E PRINTED ON Town, no assignee of this form is NOT (B)	2. For print (1) the nan or agents O (2) the nar registered a 2 registered listed, no no THE PATENT data will appe T a substitute f (2) RESIDENCE LOS	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered of the patent and the patent attorney or agent) and the patent attorneys or ager ame will be printed. (print or type) ear on the patent. If an after of the patent attorney or agent and the patent attorneys or ager and the patent attorneys or ager and the patent. If an after of the patent is a patent attorney or the patent. If an after of the patent is a patent attorney or the patent. If an after of the patent is a patent attorney or agent attorney or	TOTAL FEE(S) DUE \$1700 age, list patent attorneys age as a member a e names of up to ats. If no name is assignee is identified below, R COUNTRY)	DATE DUE 08/18/2005 es, Tullar & Coo P the document has been filed f
APPLN. TYPE nonprovisional EXAM HAM, SE 1. Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. 3. ASSIGNEE NAME ANI PLEASE NOTE: Unless recordation as set forth i (A) NAME OF ASSIGN NORTHRUP	SMALL ENTITY NO MINER UNGSOOK The address or indication of "Feed address or indication of "Feed address" Indicator more recent) attached. Use DRESIDENCE DATA TO BE as an assignee is identified belin 37 CFR 3.11. Completion of the CRUMMAN CORPORA CRUMMAN CORPORA The assignee category or category	ISSUE FE \$1400 ART UN: 2817 Address" (37 Forrespondence ion form of a Customer E PRINTED ON Town, no assignee of this form is NOT (B) TION des (will not be printed)	2. For print (1) the nam or agents O (2) the nam registered a 2 registered listed, no no THE PATENT data will appe T a substitute f LOS inted on the pa	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered of the patent attorney or agent) and the patent attorneys or ager aame will be printed. (print or type) ear on the patent. If an afor filing an assignment. E: (CITY and STATE OF ANGELES, CA	TOTAL FEE(S) DUE \$1700 age, list patent attorneys age as a member a e names of up to ats. If no name is assignee is identified below, R COUNTRY)	DATE DUE 08/18/2005 es, Tullar & Coo
APPLN. TYPE nonprovisional EXAM HAM, SE Change of correspondence CFR 1.363). Change of correspon Address form PTO/SB/1 "Fee Address" indica PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME ANI PLEASE NOTE: Unless recordation as set forth i (A) NAME OF ASSIGN NORTHRUP Please check the appropriate a. The following fee(s) are	SMALL ENTITY NO MINER UNGSOOK The address or indication of "Feed address or indication of "Feed address" Indicator more recent) attached. Use DRESIDENCE DATA TO BE as an assignee is identified belin 37 CFR 3.11. Completion of the CRUMMAN CORPORA CRUMMAN CORPORA The assignee category or category	ISSUE FE \$1400 ART UN: 2817 Address" (37 correspondence ion form of a Customer PRINTED ON T ow, no assignee of this form is NOT (B) TION des (will not be printed to the printed to	2. For print (1) the nan or agents O (2) the nam registered a 2 registered listed, no ne THE PATENT data will apper T a substitute f (2) RESIDENCE LOS inted on the pa	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered of the patent and the patent attorney or agent) and the patent attorneys or ager ame will be printed. (print or type) ear on the patent. If an after of the patent assignment. E: (CITY and STATE OF ANGELES, CA atent): Individual Fee(s):	TOTAL FEE(S) DUE \$1700 age, list patent attorneys age as a member a e names of up to ats. If no name is assignee is identified below, R COUNTRY) Corporation or other priva	DATE DUE 08/18/2005 es, Tullar & Coo P the document has been filed for the document has been filed for the group entity Government
APPLN. TYPE nonprovisional EXAM HAM, SE 1. Change of correspondence CFR 1.363). Change of correspondence CFR 1.363). The change of correspon Address form PTO/SB/1 The change of correspondence The change of corresponden	SMALL ENTITY NO MINER UNGSOOK The address or indication of "Feed address or indication of "Feed address" Indicator more recent) attached. Use DRESIDENCE DATA TO BE as an assignee is identified belin 37 CFR 3.11. Completion of the CRUMMAN CORPORA CRUMMAN CORPORA The assignee category or category	ISSUE FE \$1400 ART UN: 2817 Address" (37 correspondence ion form of a Customer PRINTED ON T ow, no assignee of this form is NOT (B) TION des (will not be printed to the printed to	2. For print (1) the nan or agents O (2) the nam registered a 2 registered listed, no ne THE PATENT data will apper T a substitute f (2) RESIDENCE LOS inted on the pa	PUBLICATION FEE \$300 CLASS-SUBCLASS 333-116000 ting on the patent front panes of up to 3 registered of the patent and the patent attorney or agent) and the patent attorneys or ager ame will be printed. (print or type) ear on the patent. If an after of the patent assignment. E: (CITY and STATE OF ANGELES, CA atent): Individual Fee(s):	TOTAL FEE(S) DUE \$1700 age, list patent attorneys ag as a member a e names of up to ats. If no name is assignee is identified below, R COUNTRY)	DATE DUE 08/18/2005 es, Tullar & Coo P the document has been filed for the document has been filed for the group entity Government

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Course A Superior Authorized Signature

Date 9-10-2005

Typed or printed name William A. Blake

Registration No. 30,548

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.